

**Quapaw Tribe of Oklahoma Environmental Office
EPA Region 6 Remedial Response Cooperative Agreement**

**Quarterly Progress Report for
1st Quarter FY 2018: October – December 2017
Grant Number V-00F99801-0**

1. PROGRESS ACHIEVED SINCE LAST REPORT

1.1 Project Administration

The Quapaw Tribe Environmental Office (QTEO) submitted its proposal for this Remedial Response Cooperative Agreement grant (Beaver Creek North (Chat Pile 060)) to the EPA Region 6 office on January 22, 2015. The EPA awarded an initial \$200,000 in grant funds on March 16, 2015 to begin developing site-specific documents of the Beaver Creek North (Chat Pile 060) remediation. The QTEO received comments from EPA Region 6 on February 4, 2015 regarding the QTEO's draft work plan and budget. The QTEO revised the work plan and budget according to EPA Region 6's comments. The revised budget and work plan were resubmitted to EPA Region 6 on March 27, 2015. The QTEO received comments from EPA Region 6 on March 30, 2015 regarding the QTEO's draft work plan. The QTEO revised the work plan and budget according to EPA Region 6's comments. A final budget and work plan were submitted to EPA Region 6 on April 1, 2015. The QTEO received the remaining portion of the grant funds (\$1,830,990) on May 26, 2015.

As of the date of this report, approximately 60,193 tons of source material and/or transition zone soil has been hauled off the site to either a chat processor or repository. Soil sampling took place in August 2015 to evaluate metal concentrations and determine whether soil will require a remedy. Transition zone soil has been removed from the site that was impacted above remedial goals for the contaminants of concern (lead, cadmium, and zinc) at Tar Creek.

On April 27, 2016 a post-construction meeting/final walkthrough was administered by the Quapaw Tribe with representation from EPA. The remedial action report was submitted to EPA on August 17, 2016. The QTEO received comments from EPA, and resubmitted a revised remedial action report to EPA on September 15, 2016. This report was approved by EPA on September 22, 2016.

1.2 Project Goals

The overall goals of the Environmental Department, as they relate to Superfund, are as follows:

- Ensure that the interests of the Quapaw Tribe and the protection of human health and the environment within Quapaw jurisdiction are addressed in all matters regarding the Tar Creek Superfund Site.

- Perform activities in support of the Remedial Action (RA) for OU4 as stipulated in the Record of Decision (ROD) signed by the EPA on February 20, 2008.
- Report all information gathered regarding the Site to the Environmental Director and, ultimately, the Tribal Business Committee.
- Provide technical review of Superfund documents (investigations, studies, reports, etc.) regarding the Site.
- Participate in meetings, conference calls, and decision planning related to ongoing Remedial Design/ Remedial Action projects, particularly as they pertain to Tribal Lands.
- Represent the Quapaw Environmental Program in working with the EPA, US Corps of Engineers, the Oklahoma Department of Environmental Quality (ODEQ), the US Geological Survey, and other appropriate federal and /or state agencies on superfund issues.
- Stay current on information and developments regarding CERCLA issues.
- Attend meetings, conferences, and training as required to achieve the above-listed goals.
- Provide field oversight when Superfund remediation activity occurs on Tribal trust land and when requested by stakeholder agencies.
- Insure that the Tribe is involved in all projects related to tribal lands at the Tar Creek Site.

This particular OU4 Remedial Action (RA) to occur at Beaver Creek North (Chat Pile 060) property meets these goals, especially the goal of providing field oversight when Superfund remediation activity occurs on tribal lands. More specifically, by directly managing the RA, the Tribe will be able to insure the cleanup is done in a manner that is consistent with the ROD for OU4.

1.3 Training/Conferences

There were no trainings or conferences specifically related to the Beaver Creek North (Chat Pile 060) RA this reporting period.

1.4 Significant Meetings During the Reporting Period

The QTEO participated in multiple monthly Tar Creek Meetings with various Tar Creek stakeholders and presented information concerning the Beaver Creek North (Chat Pile 060) cleanup and remedial action report.

1.5 Progress Achieved During This Reporting Period

The QTEO continues to conduct site inspections to monitor the remedy, as well as continue to work with the landowners to help maintain vegetative cover and proper drainage.

The QTEO spent time conducting project management and remedy monitoring in connection to the Beaver Creek North (Chat Pile 060) cleanup.

Mr. Kent has provided technical information regarding the Beaver Creek North (Chat Pile 060) RA, to Quapaw tribal members and to the Quapaw Tribe Business Committee.

All time charged to the Remedial Response Cooperative Agreement grant is documented on the enclosed "Time and Effort" sheets (**Attachment A**).

1.6 Percentage of Completion to Date

Below please find the revised Remedial Response Agreement tasks and their current status updates listed in the table below.

Task #	Task Description	Proposed Start Date	Proposed End Date	Time Required (days)	Task Status ¹
1	Grant Award	03/16/2015	03/16/2018	-	Completed
2a	Develop Engineering Support RFP	If necessary	-	-	
3a	Solicit Bids for Eng. Support Contractor	If necessary	-	-	
4a	Solicit Bids for Analytical Lab Contractor	As necessary	-	-	
4b	Select Analytical Lab Contractor	As necessary	-	-	
5	Develop Site-Specific Plans (Health & Safety Plan, Community Relations Plan, QAPP, etc.)	03/01/2015	05/01/2015	60	Completed
5b	Select Engineering Support Contractor	If necessary	-	-	
7	Pre-Construction Meeting	06/02/2015	-	-	Completed
8	Mobilization and Site Preparation	05/01/2015	06/02/2015	33	Completed
9	Source Material Removal	06/04/2015	10/06/2015	-	Completed
10	Site Restoration Remedial Action	08/01/2015	04/21/2016	-	Completed
11	Post-Construction Meeting/Final Walkthrough	04/27/2016	-	-	Completed
12	Decontamination/Demobilization	08/01/2015	08/10/2015	10	Completed
13	Remedy Monitoring	08/01/2015	12/31/2017	-	Ongoing
14	Develop and Finalize Remedial Action Report	07/01/2016	09/22/2016	84	Completed
15	Finalize Grant Close-out	01/01/2018	03/16/2018	90	Pending

1.7 Revisions to the Work Schedule during the Reporting Period

There are no revisions of the work schedule during the reporting period in association with the Beaver Creek North (Chat Pile 060) site.

2. MISCELLANEOUS

2.1 Difficulties Encountered During This Reporting Period

There were no significant difficulties encountered during this reporting period.

3. FINANCIAL

1st Quarter FY 2018 (October – December 2017)

Personnel	\$ 3,991.80
Fringe Benefits	\$ 1,173.75
Travel/Training	\$ -
Supplies	\$ 2,131.75
Contractual	\$ -
Construction	\$ -
Indirect Costs	\$ -
Other	\$ 807.11
TOTAL:	\$ 8,104.41

Report Source:

R:\Beaver Creek North\Quarterly Reports\FY 2018\FY 2018 Q1\Q1 FY 2018 BCN RRCA Quarterly.docx

Attachment A

**QUAPAW TRIBE ENVIRONMENTAL OFFICE
Time and Effort Sheets**

[See Attached]

Time and Effort Report										
V-00F99801										
Employee Tim Kent					Month: Oct - Dec 2017					
Date	Task	BCN	Hours		Leave Hours	Total Hours	Salary Cost		Fringe Cost	
10/11/2017	DOCUMENT REVIEW	2.00	2.00	0.13	0.26	2.26	44.73	101.09	0.345	34.88
10/12/2017	DOCUMENT REVIEW	2.00	2.00	0.13	0.26	2.26	44.73	101.09	0.345	34.88
11/8/2017	MONTHLY TAR CREEK MEETING	2.00	2.00	0.13	0.26	2.26	44.73	101.09	0.345	34.88
11/9/2017	SITE INSPECTION	2.00	2.00	0.13	0.26	2.26	44.73	101.09	0.345	34.88
11/22/2017	SITE INSPECTION	2.00	2.00	0.13	0.26	2.26	44.73	101.09	0.345	34.88
11/23/2017	HOLIDAY	2.00	2.00	0.13	0.26	2.26	44.73	101.09	0.345	34.88
12/1/2017	PTO	4.00	4.00	0.13	0.52	4.52	44.73	202.18	0.345	69.75
12/15/2017	SITE INSPECTION	4.00	4.00	0.13	0.52	4.52	44.73	202.18	0.345	69.75
12/29/2017	SITE INSPECTION & DATA REVIEW	4.00	4.00	0.13	0.52	4.52	44.73	202.18	0.345	69.75
	Totals	24.00	24.00					1,213.08		418.51

Time and Effort Report

V-00F99801

Employee Craig Kreman

Month: Oct - Dec 2017

Date	Task	BCN	Hours		Leave Hours	Total Hours		Salary Cost		Fringe Cost
10/2/2017	QA MANAGEMENT & SITE VISIT	2.00	2.00	0.11	0.22	2.22	31.25	69.38	0.345	23.93
10/3/2017	QA MANAGEMENT & SITE VISIT	1.00	1.00	0.11	0.11	1.11	31.25	34.69	0.345	11.97
10/5/2017	QA MANAGEMENT & SITE VISIT	1.00	1.00	0.11	0.11	1.11	31.25	34.69	0.345	11.97
10/16/2017	QUARTERLY REPORTS	1.00	1.00	0.11	0.11	1.11	31.25	34.69	0.345	11.97
10/18/2017	MONTHLY TAR CREEK MEETING	1.00	1.00	0.11	0.11	1.11	31.25	34.69	0.345	11.97
10/19/2017	QA MANAGEMENT & SITE VISIT	2.00	2.00	0.11	0.22	2.22	31.25	69.38	0.345	23.93
11/6/2017	QA MANAGEMENT & SITE VISIT	1.00	1.00	0.11	0.11	1.11	31.25	34.69	0.345	11.97
11/10/2017	HOLIDAY	3.00	3.00	0.11	0.33	3.33	31.25	104.06	0.345	35.90
11/16/2017	QA MANAGEMENT & SITE VISIT	2.00	2.00	0.11	0.22	2.22	31.25	69.38	0.345	23.93
11/17/2017	QA MANAGEMENT & SITE VISIT	2.00	2.00	0.11	0.22	2.22	31.25	69.38	0.345	23.93
12/8/2017	DOCUMENT REVIEW	4.00	4.00	0.11	0.44	4.44	31.25	138.75	0.345	47.87
12/14/2017	QA MANAGEMENT & SITE VISIT	3.00	3.00	0.11	0.33	3.33	31.25	104.06	0.345	35.90
12/15/2017	QA MANAGEMENT & SITE VISIT	4.00	4.00	0.11	0.44	4.44	31.25	138.75	0.345	47.87
Totals		27.00	27.00					936.56		323.11

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Time and Effort Report

V-00F99801

Employee Summer King

Month: Oct - Dec 2017

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